# ABSTRACT OF THE DISCLOSURE

A light-to-speech transforming circuit is coupled to an indicator light of a legacy security system. The transforming circuit detects flashes of the indicator light, interprets sequences of the flashes, and correlates the sequences to specific events monitored by the security system. The events are then correlated to speech segment data of various audible announcements. The segment data is used to drive a speaker, so that the user can hear the announcements. The transforming circuit can include a learning feature, whereby it prompts the user to cause specific events of the security system, such as zone violations, and then prompts the user to speak the announcements corresponding to the events. The transforming circuit records the flashing sequences and the announcements corresponding to the sequences, and delivers the announcements when the corresponding events occur during operation of the security system.